NUREG-1021, Draft Revision 9

ES-301 Administrative Topics Outline Form ES-301-1 Facility: CCNPP Date of Examination: 03/01/2004 Examination Level (circle one): RO / SRO Operating Test Number: Administrative Topic Describe activity to be performed (see Note) 2.1.19 3.0 A.1.a Ability to use plant computer to obtain and evaluate parametric Conduct of information on plant system or component status Operations Enter feed flow correction factors into the plant computer per OI-50A, verifying NI calibration. A.1.b 2.1.25 2.8 Ability to obtain and interpret station reference materials such Conduct of as graphs, monographs, and tables which contain performance

Operations	data
	Verify shutdown margin in mode 3 with one stuck CEA
A.2	2.2.13 3.6 Knowledge of tagging and clearance procedures
Equipment Control	Verify tagout boundaries per NO-1-112
A.3	
Radiation Control	
A.4	2.4.43 2.8 Knowledge of emergency communications and techniques
Emergency Plan	Recall Emergency Response Organization per ERPIP-105
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NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when 5 are required.

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	cility: CCNPP Date of Examination am Level (circle one): RO / SRO(I) / SRO(U) Operating Test I		
	Control Room Systems (8 for RO; 7 for SRO-I; 2	or 3 for SRO-	U)
	System/JPM Title	Type Code*	Safety Function
a.	CVCS/Shift Charging Pumps per OI-2A (Discharge relief lifts on started pump)	N, A, S	2
•	004A2.22 3.2/3.1		
b.	ECCS/Test LPSI check valves per STP-O-65-1 006A4.02 4.0/3.8	N,S	3
C.	RHR/Initiate SDC (An RCS leak develops when suction MOVs are opened) 005A1.05 3.3/3.3	N,A,L,S	4-primary
d.	Emergency Diesel Generators/Transfer 4 KV bus from an EDG to Offsite Power	D,S	6
	064A4.06 3.9/3.9	DAS	1
e .)	Control Rod Drive System/Realign a CEA (CEA drops when moved) 003AA1.02 3.6/3.4	D,A,S	i
f.	Verify Containment Spray Actuation 026A4.01 4.5/4.3	M,A,S	5
g.	Process RMS/Test Containment Atmosphere Rad. Mon. per STP-O-33-1	N,S	7
	073A4.03 3.1/3.2	_	
h.	Secure a Circulating Water Pump per OI-14A 075A2.02 2.5/2.7	N,S	8

i.	Manually Override SW valves 068AA1.21 3.9/4.1	D	4 secondary
j.	ESFAS/de-energize ESFAS cabinet per OI-34 013K2.01 3.6/3.8	D	2
	Liquid RadWaste/Perform flush of Rad. Monitor per OI-17C. (Discharge valve shuts during flush) 068A3.02 3.6/3.6	N,R,A	9

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Facility: CCNPP	Date of Examina	tion: 03/01/20	04
	e one): RO / SRO(I) / SRO(U) Operating Te		
Contro	I Room Systems (8 for RO; 7 for SRO-	; 2 or 3 for SRO	-U)
	System/JPM Title	Type Code*	Safety Functior
a. CVCS/Shift Cha started pump)	arging Pumps per OI-2A (Discharge relief lifts o 004A2.22 3.2/3.1	on N, A, S	2
b. ECCS/Test LPS	SI check valves per STP-O-65-1 006A4.02 4.0/3.8	N,S	3
c. RHR/Initiate SI are opened)	DC (An RCS leak develops when suction MOV 005A1.05 3.3/3.3	′s N,A,L,S	4-primary
d. Emergency Die to Offsite Po	esel Generators/Transfer 4KV loads from an ED ower 064A4.06 3.9/3.9	G D,S	6
e. Control Rod Dr moved)	ive System/Realign a CEA(CEA drops when 003AA1.02 3.6/3.4	D,A,S	1
f. Verify Containn	nent Spray Actuation 026A4.01	M,A,S	5
g. Process RMS/7 STP-O-33-1		N, S	7
	073A4.03 3.1/3.2		

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i. Manually Override SW valves 068AA1.21		D	4 secondary
j. ESFAS/de-energize ESFAS cabinet p 01	per OI-34 3K2.01 3.6/3.8	D	2
 k. Liquid RadWaste/Perform flush of Ra (Discharge valve shuts during flush) 	<u></u>	. N,R,A	9
*Type Codes: (D)irect from bank, (M)odif room, (S)imulator, (L)ow-Power, (R)CA	ed from bank, (N)ew,	(A)lternate path, ((C)ontrol
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ES-30	NUREG-1021, Dra 1 Control Room/In-Plant Systems Outline	Form ES		
Facili Exam	Level (circle one): RO / SRO(I) / SRO(U) Operating Test N	lo.:		
	Control Room Systems (8 for RO; 7 for SRO-I; 2 or 3	s for SRO	-U)	
	System/JPM Title	Type Code*	Safety Functior	
	VCS/Shift Charging Pumps per OI-2A (Discharge relief lifts on arted pump)	N, A, S	2	
b.	004A2.22 3.2/3.1 Emergency Diesel Generators/Transfer 4 KV bus from an EDG to Offsite Power 064A4.06 3.9/3.9	D,S	6	
с.	RHR/Initiate SDC(An RCS leak develops when suction 005A1.05MOVs are opened)005A1.05	N,A,L,S	4-primary	
d.				
е.				
f.				
g.				
h.				
	In-Plant Systems (3 for RO; 3 for SRO-I; 3 or 2 for	SRO-U)	-	
i.	Manually Override SW valves 068AA1.12 4.4/4.4	D	4 seconda	
j. (Liquid RadWaste/Perform flush of Rad. Monitor per Ol-17C. Discharge valve shuts during flush) 068A3.02 3.6/3.6	N,R,A	9	
	*Type Codes: (D)irect from bank, (M)odified from bank, (N)ew, (A)iternate path, (C)ontrol room, (S)imulator, (L)ow-Power, (R)CA			

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